

CLAIMS

1. An environmental indicator calculation method comprising the steps of:

(1) storing a data base and a data table in a memory, the data base having a collection of data on the part lists and specifications of products in conjunction with product identification codes, the data table containing processing yields and environmental indicator factors in conjunction with material codes which respectively indicate the material of each part constituting a product;

(2) extracting part numbers by looking them up in the data base with a product identification code which has been input;

(3) calculating a processing yield and environmental indicator factor for every material code by referring the data table, the material codes relating to the parts corresponding to the part numbers which have been extracted; and

(4) calculating the discharged amount of efflux associated with an environmental indicator for every material code based on its corresponding processing yield and environmental indicator factor which have been obtained, while calculating the total amount of efflux discharged from the whole product.

2. An environmental indicator calculation apparatus comprising:

(1) a data base having a collection of data on the part lists and specifications of products in conjunction with product identification codes;

(2) a data table containing processing yields and environmental

indicator factors in conjunction with material codes which respectively indicate the material of each part constituting a product; and

(3) computing means for (i) extracting part numbers and the weight of a part associated with every part number by looking them up in the data base with a product identification code which has been input, (ii) calculating a processing yield and environmental indicator factor for every material code by referring the data table, the material codes relating to the parts corresponding to the part numbers which have been extracted, and (iii) calculating the discharged amount of efflux associated with an environmental indicator for every material code based on its corresponding processing yield and environmental indicator factor which have been obtained, while calculating the total amount of efflux discharged from the whole product.

3. An environmental indicator calculation apparatus according to claim 2, wherein the discharged amount calculated by the computing means includes the discharged amount of efflux during preparation of the materials of the parts; the discharged amount of efflux during processing and assembling of the parts; the discharged amount of efflux during delivery and use of the product; and the discharged amount of efflux during disassembling and disposal of the product.

4. An environmental indicator calculation apparatus according to claim 2 or 3, further including an abnormal code conversion table for converting a material code incorrectly given into a normal material code, and after conversion of an abnormal material code into a normal material code by referring this abnormal code conversion table, said calculation of the processing yield and the environmental indicator

factor is executed.

5. A computer-readable, recording medium for storing a program for executing an environmental indicator calculation process by a computer, the process comprising the steps of:

(1) extracting part numbers by looking them up in a data base with a product identification code which has been input, the data base having a collection of data on the part lists and specifications of products in conjunction with product identification codes;

(2) calculating a processing yield and environmental indicator factor for every material code by referring a data table, the material codes relating to the parts corresponding to the part numbers which have been extracted, the data table containing processing yields and environmental indicator factors in conjunction with material codes which respectively indicate the material of each part constituting a product; and

(3) calculating the discharged amount of efflux associated with an environmental indicator for every material code based on its corresponding processing yield and environmental indicator factor which have been obtained, while calculating the total amount of efflux discharged from the whole product.